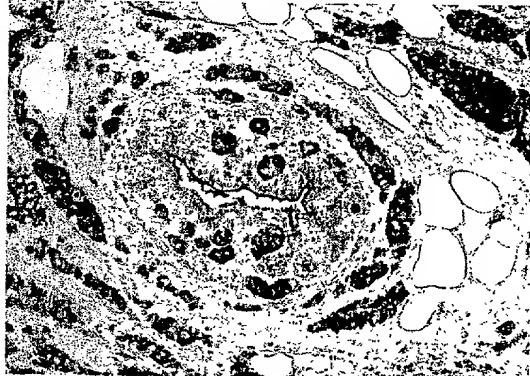
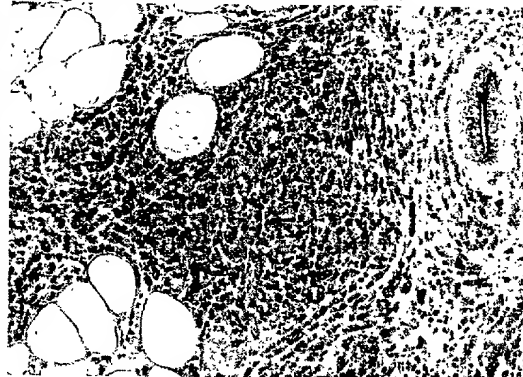


Figure 1

Malignant Breast 96102003G H9C65



Malignant Breast 9609C033R H9C65



Normal Breast. 9712C030G H9C65



MB8 Cell Line H9C65

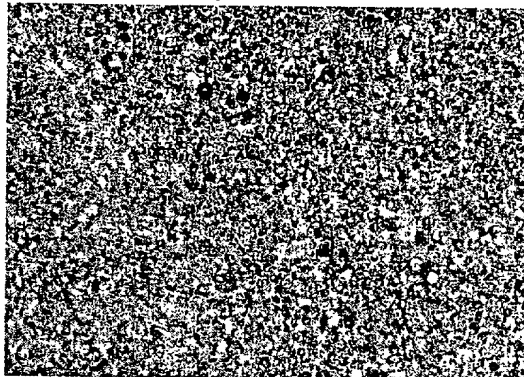
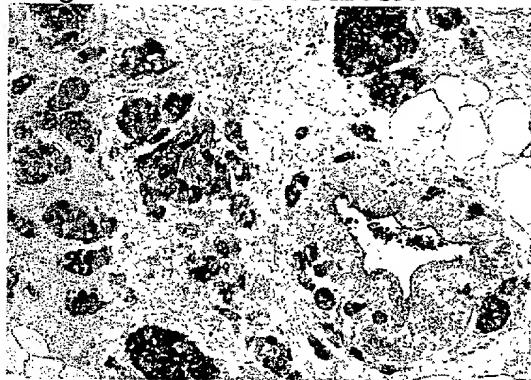
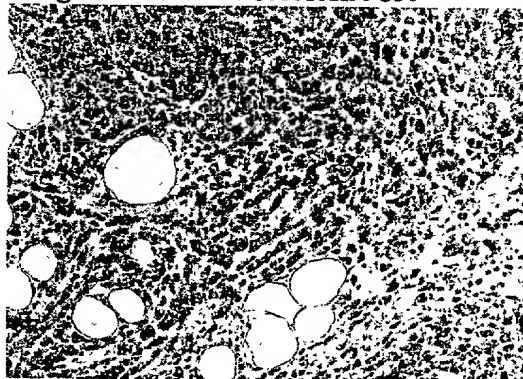


Figure 2

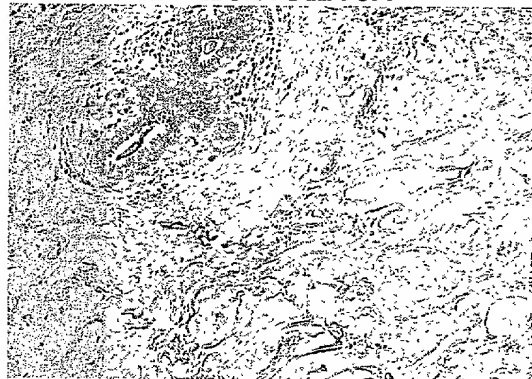
Malignant Breast 96102003G H95C30



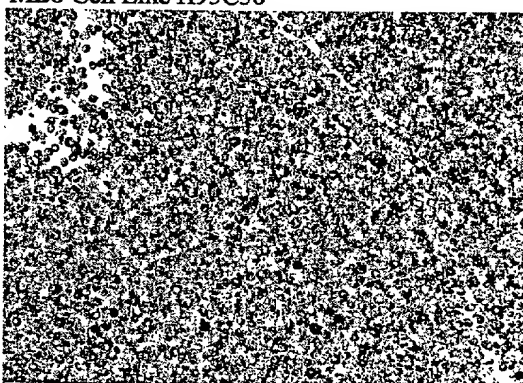
Malignant Breast 9609C033R H95C30



Normal Breast 9712C030G H95C30



MB8 Cell Line H95C30



0975507-20552660

Figure 3

000552660

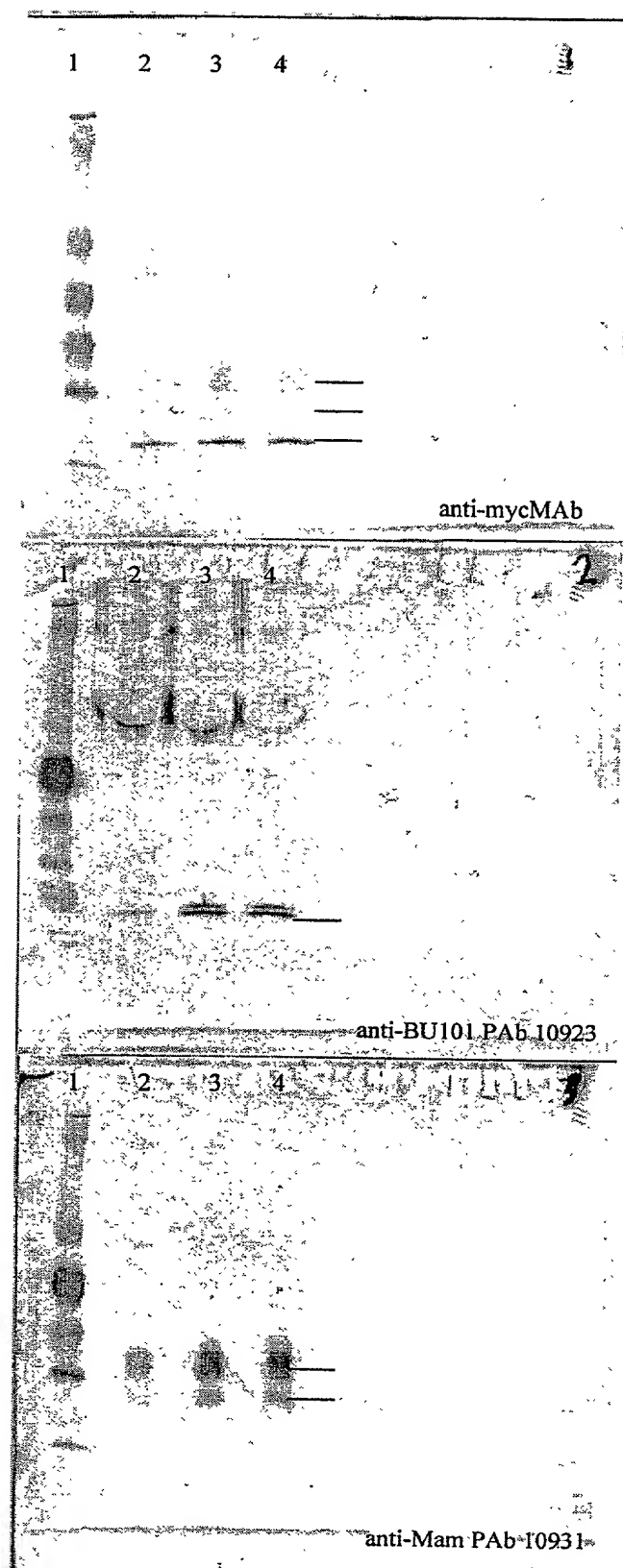


Figure 4

Western blot analysis showing the binding of anti-myc monoclonal antibody (MAb) to myc-tagged proteins. The blot displays 12 lanes, each containing a myc-tagged protein. Molecular weight markers are indicated on the right side of the blot at 12, 24, 36, 48, and 60 kDa. The label 'anti-myc MAb' is positioned at the bottom of the blot.



Figure 5

090550 101101 2055/660

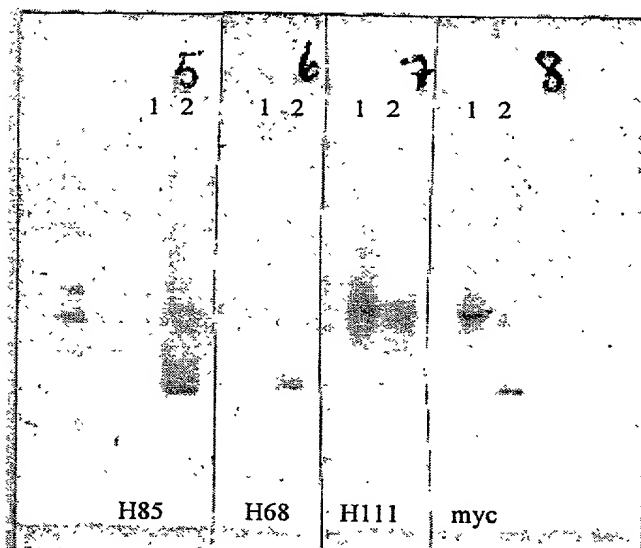
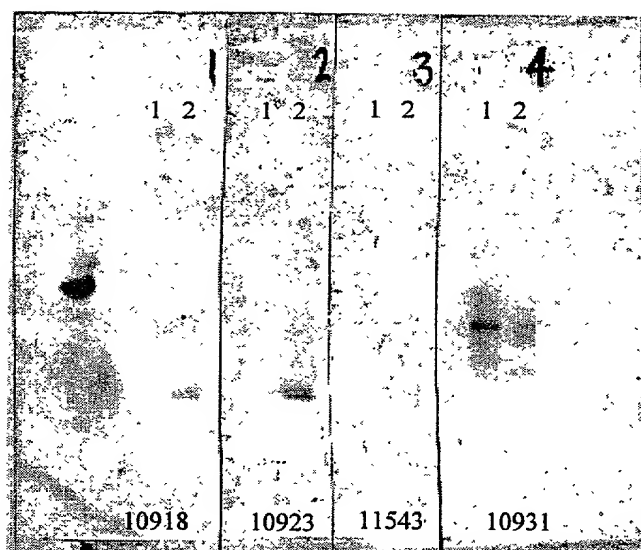
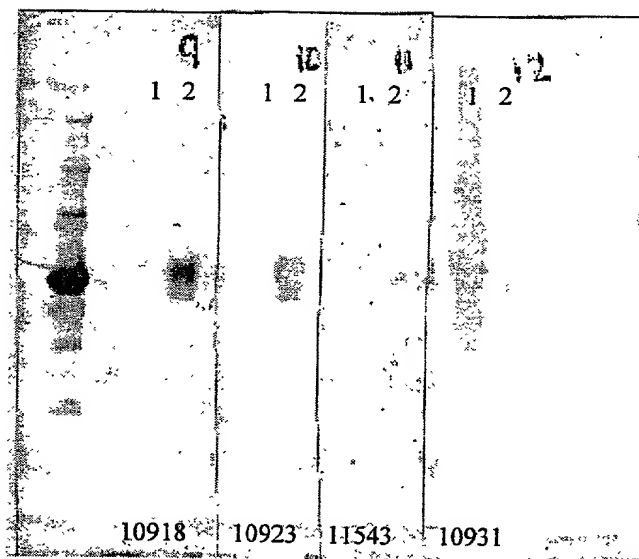
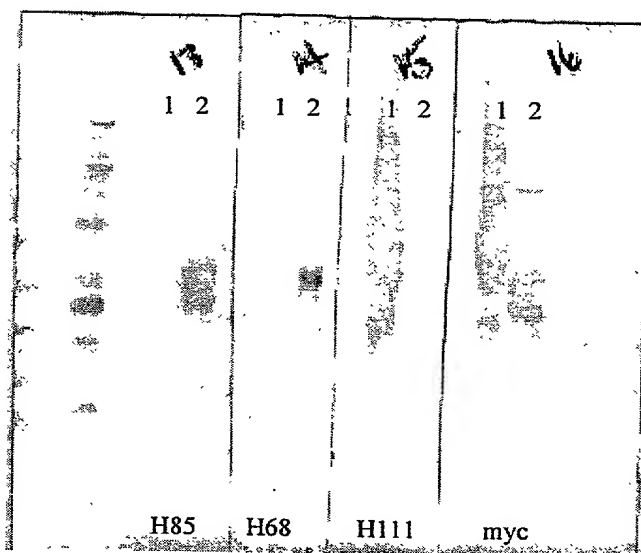


Figure 6

0975507 2055/660



Polyclonal Antisera, 1:5000



Monoclonal Antibodies 1:50

Figure 6 (cont'd)

TOTOT 2055/660

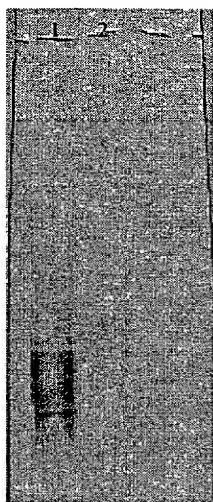


Figure 7



09975502 101101

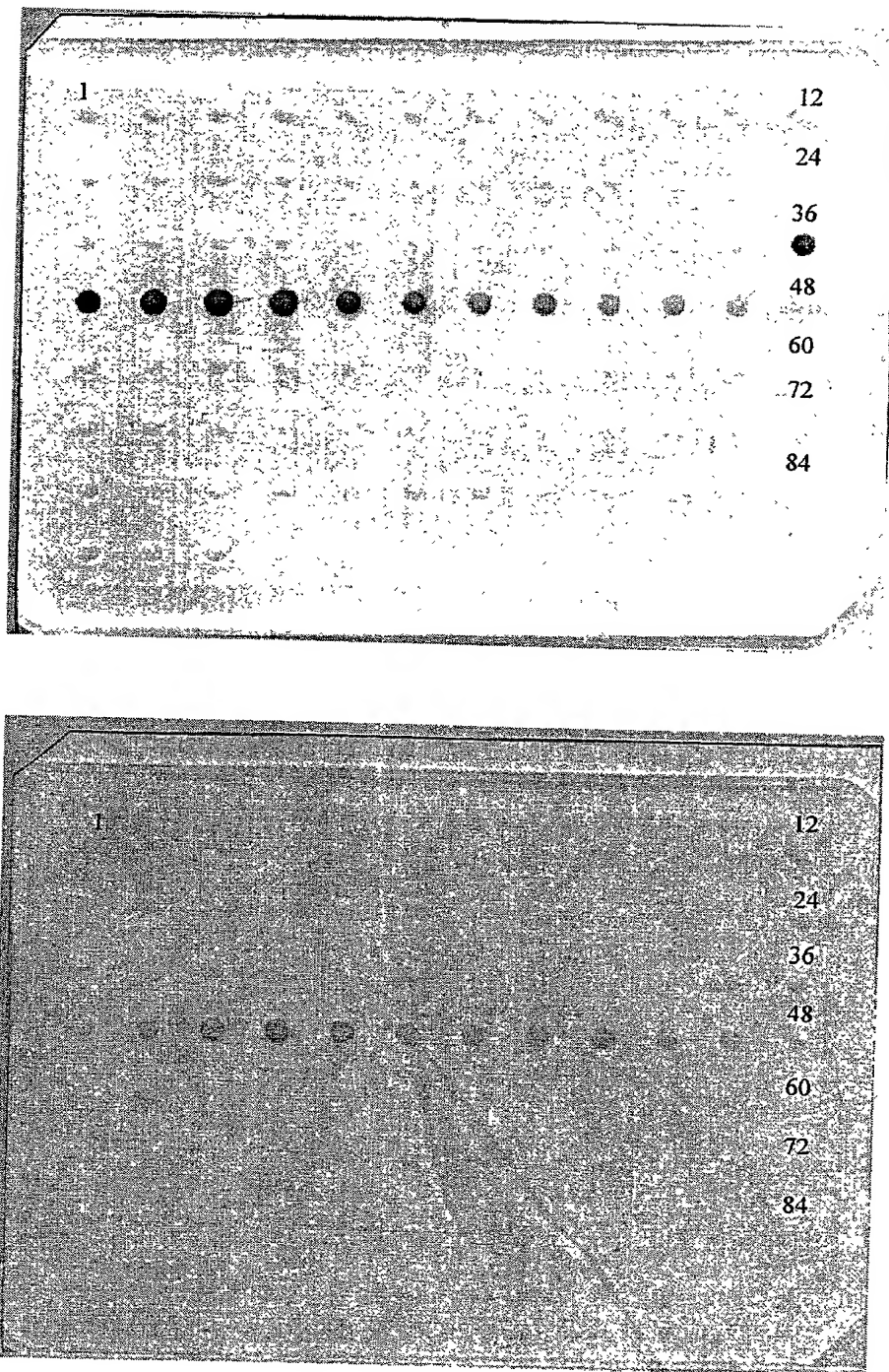


Figure 8

TOTOT"20552660

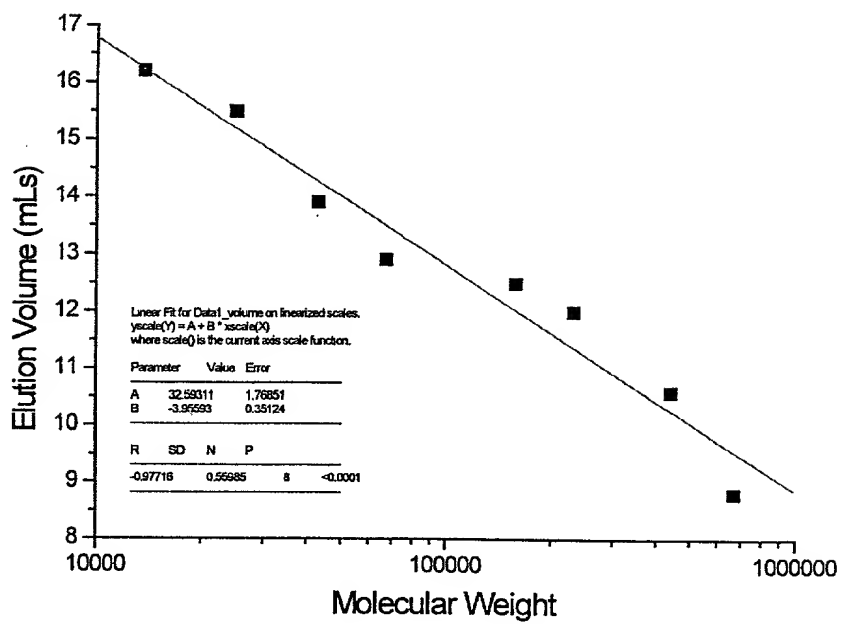


Figure 9

101101-2055/660

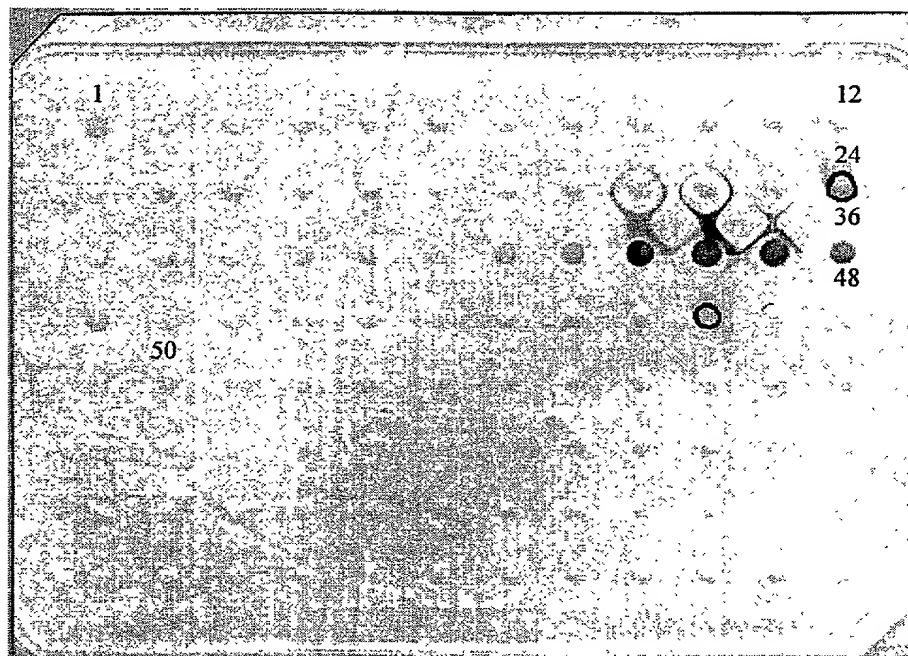


Figure 10

09075500-101101

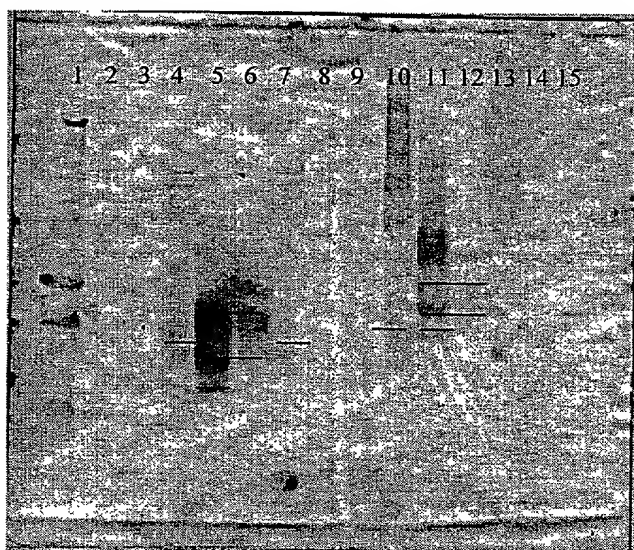
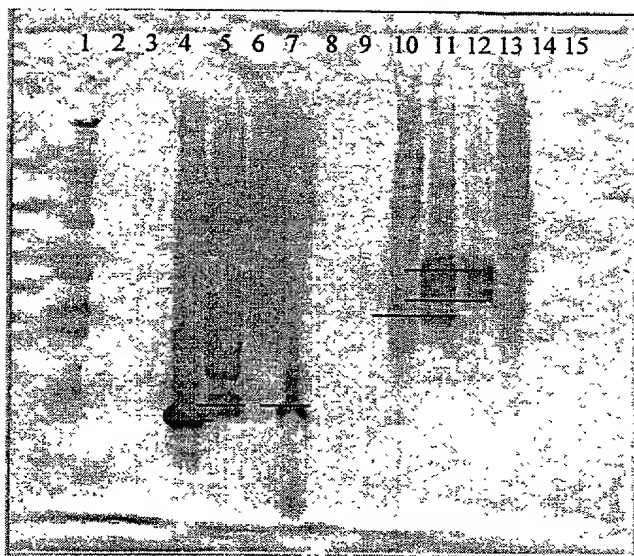
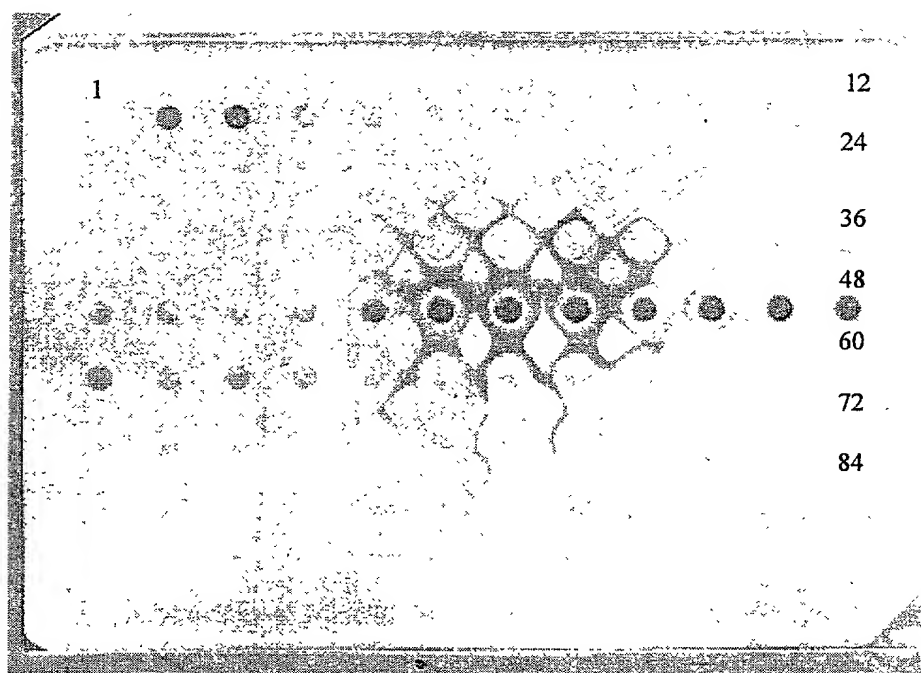
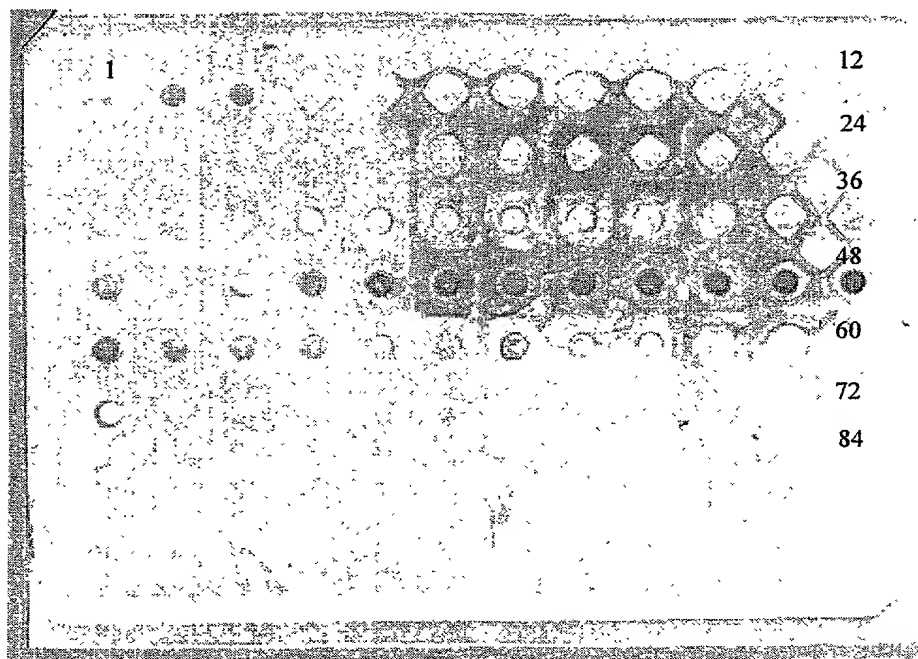


Figure 11

TOTOT 2055/660

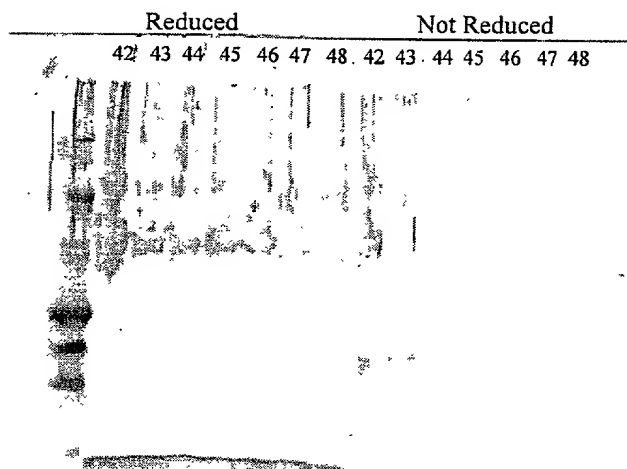


anti-BU101.3, 10923, 1:5000  
sample reduced and boiled

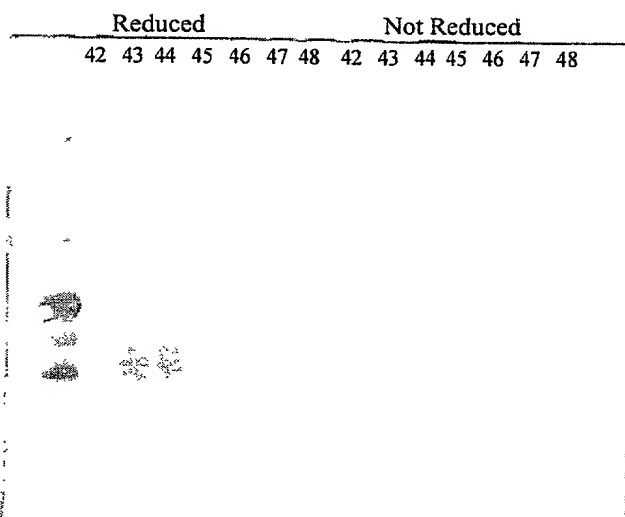


anti-MAM.1, 10931, 1:5000  
sample reduced and boiled

20552660



Polyclonal Antibody 10923  
anti-BU101.3



Polyclonal Antibody 10931  
anti-MAM.1

Figure 13

TTTTT 20552660

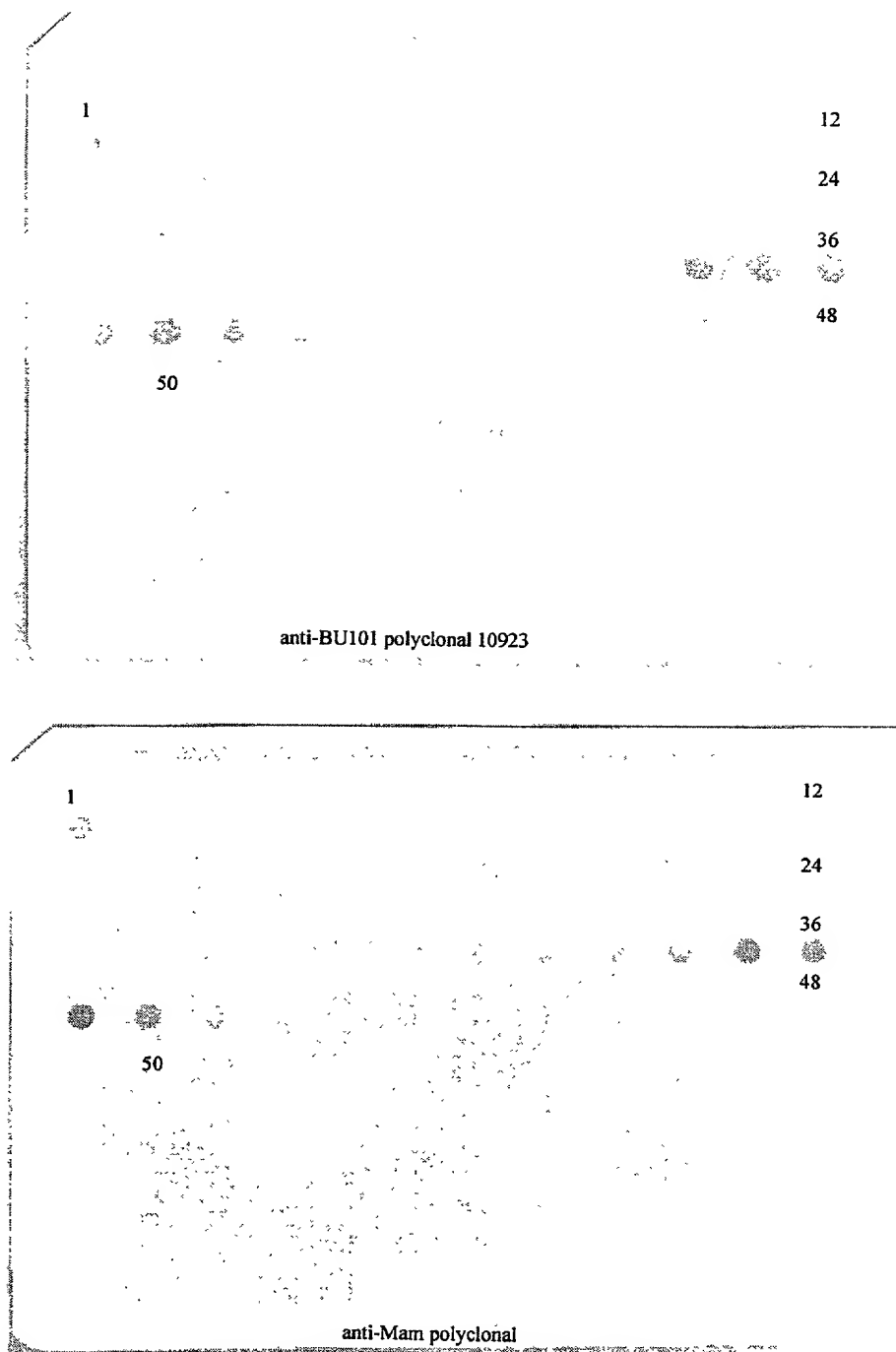


Figure 14

2055/660

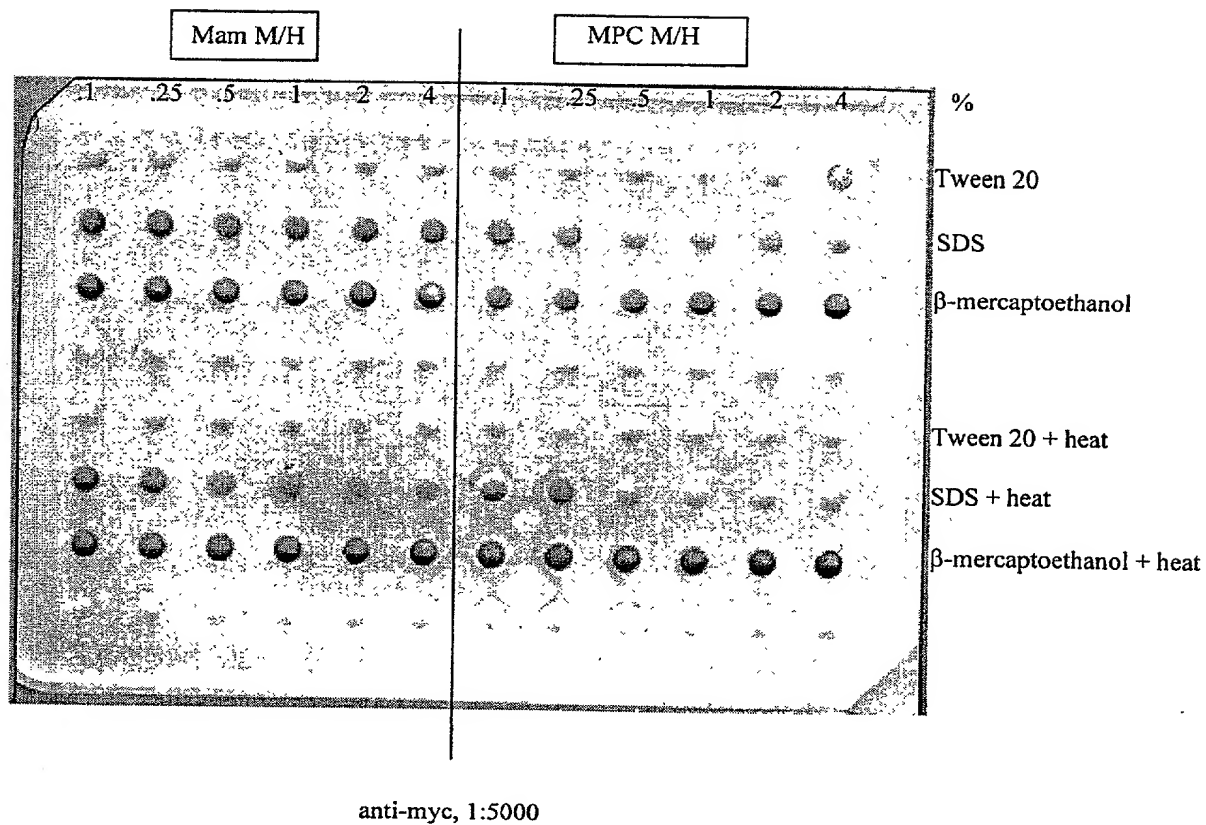


Figure 15



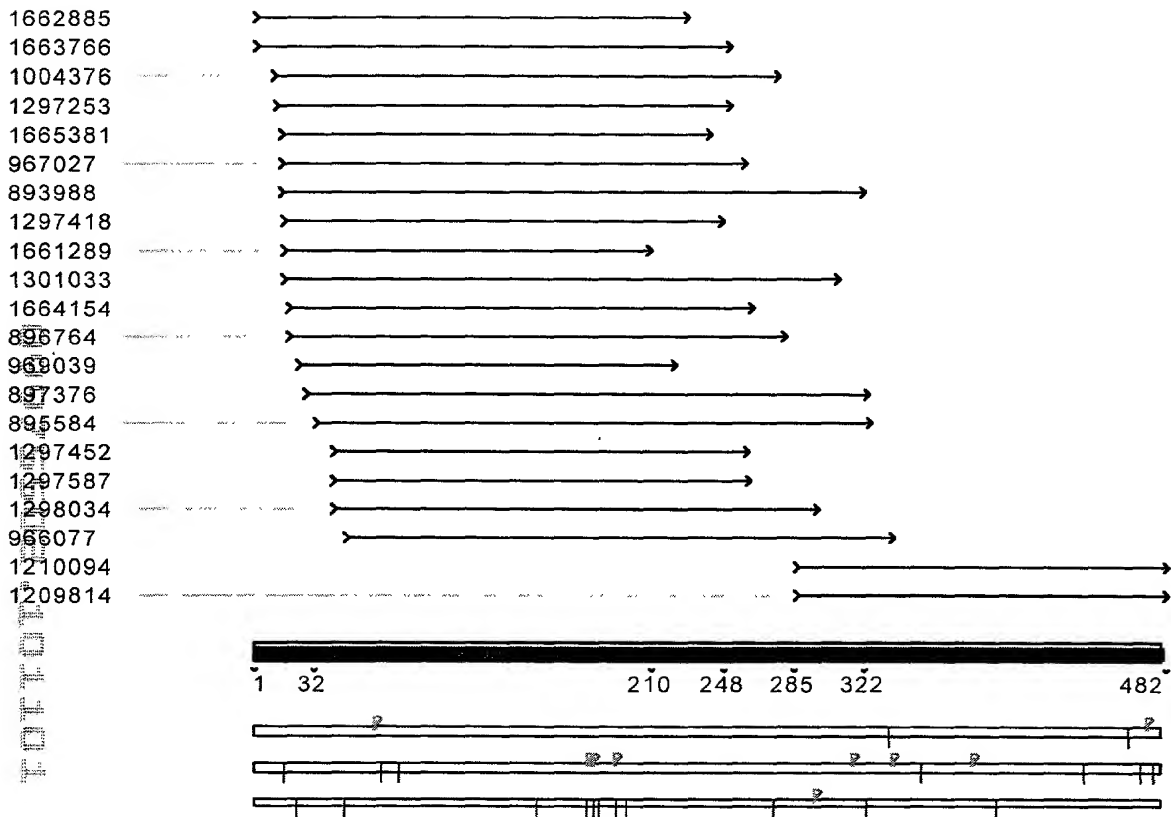
```

Met  Lys  Leu  Ser  Val  Cys  Leu  Leu  Leu  Val  Thr  Leu  Ala  Leu  Cys
Cys
      1              5              10              15
Tyr  Gln  Ala  Asn  Ala  Glu  Phe  Cys  Pro  Ala  Leu  Val  Ser  Glu  Leu
Leu
      20              25              30
Asp  Phe  Phe  Phe  Ile  Ser  Glu  Pro  Leu  Phe  Lys  Leu  Ser  Leu  Ala
Lys
      35              40              45
Phe  Asp  Ala  Pro  Pro  Glu  Ala  Val  Ala  Ala  Lys  Leu  Gly  Val  Lys
Arg
      50              55              60
Cys  Thr  Asp  Gln  Met  Ser  Leu  Gln  Lys  Arg  Ser  Leu  Ile  Ala  Glu
Val
      65              70              75
80
Leu  Val  Lys  Ile  Leu  Lys  Lys  Cys  Ser  Val
      85              90

```

FIGURE 17

## Assembly of BS106 from Individual Expressed Tags



### **Figure 18A**

#### **>BS106 consensus**

CGGCTCGAGCTCTTAGGCTTTGAAGCATTTTTGTCTGTGCTCCCTGATCTTCAGGTCACCACC A  
TGAAGTTCTTAGCAGTCCTGGTACTCTTGGGAGTTTCCATCTTTCTGGTCTCTGCCCAGAATCC  
GACAAACAGCTGCTCCAGCTGACACGTATCCAGCTACTGGTCCTGCTGATGATGAAGCCCCTGA  
TGCTGAAACCACTGCTGCTGCAACCACTGCGACCAC TGCTGCTCCTACCACTGCAACCACCGC  
TGCTTCTACCACTGCTCGTAAAGACATTCCAGTTTTACCCAAATGGGTTGGGGATCTTCCGAAT  
GGTAGAGTGTGTCCCTGAGATGGAATCAGCTTGAGTCTTCTGCAATTGGTCACAACCTATTCAT  
GCTTCCTGTGATTTTCATCCAACCTACTTACCTTGCTACGATATCCCCTTTATCTCTAATCAGTTT  
ATTTTCTTCAAATAAAAAATAACTATGAGCAACATA AAAAAAAAAAAAA

### **Figure 18B**

#### **>BS106 translation**

MKFLAVLVLLGVSIFLVSAQNPTTAAPADTYPATGPADDEAPDAETTAAATTATTAAPTTATTAA  
STTARKDIPVLPKWVGDLPNGRVCP

Figure 19A

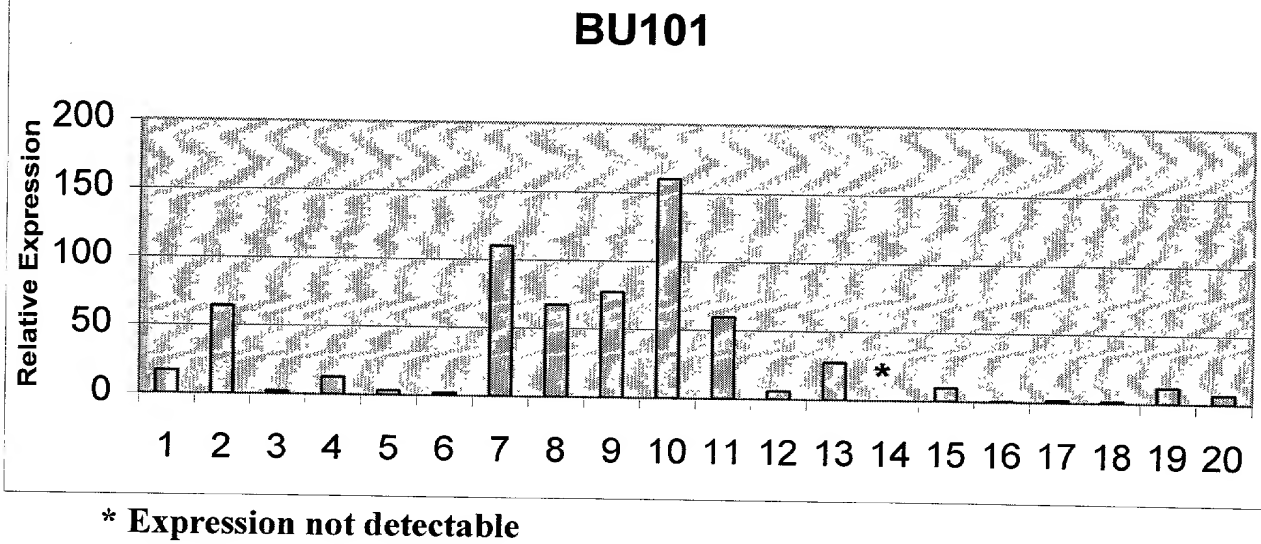


Figure 19B

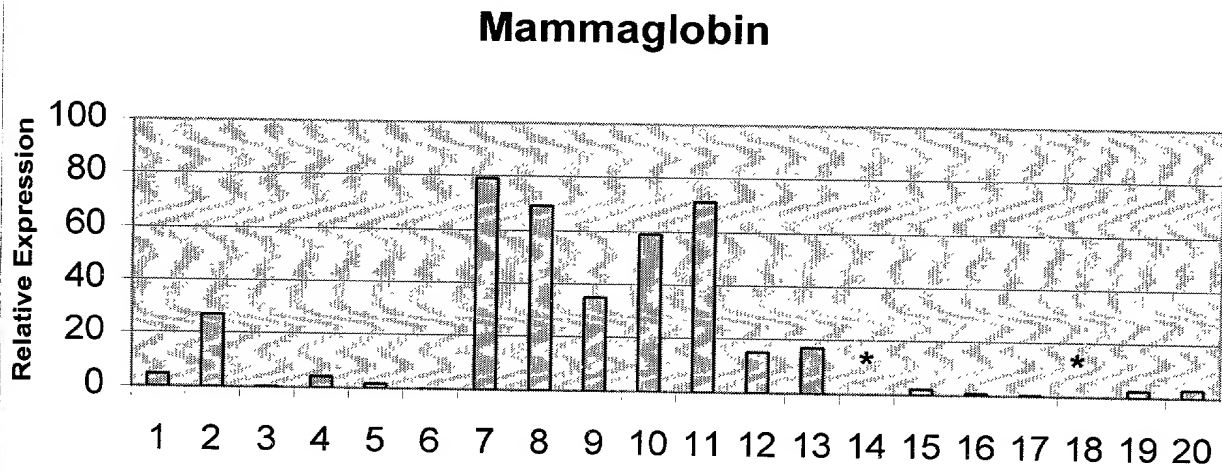
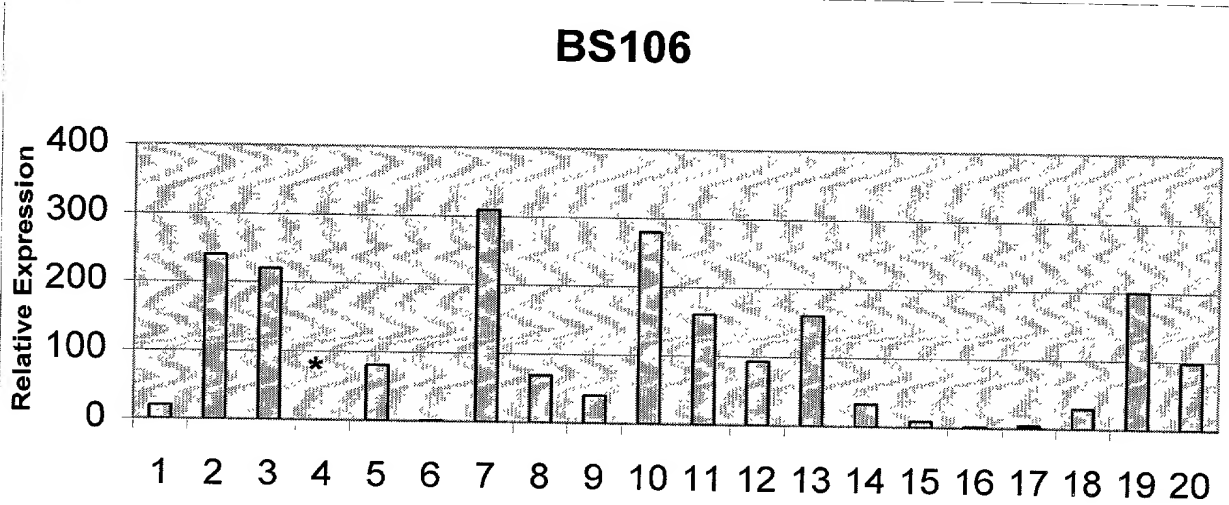


Figure 19C



**Figures 20 A-D**

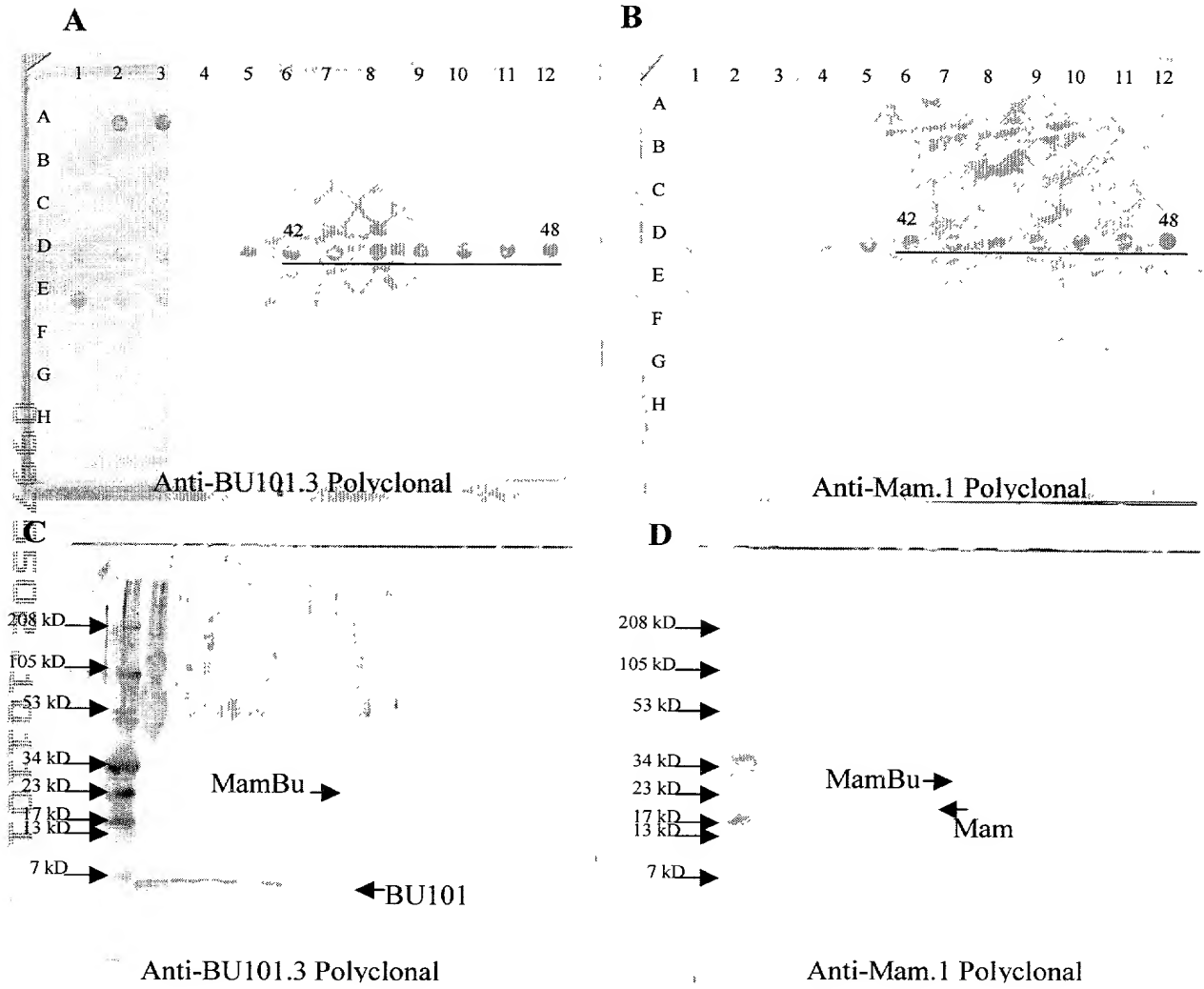


Figure 21

# Correlations Between Marker Expression and Clinical and Molecular Parameters

	BU101	BS106	Mammaglobin	CK19	
<b>T Stage</b>	0.003 (NS)	-0.13 (NS)	-0.03 (NS)	-0.03 (NS)	N=95
<b>Grade</b>	-0.14 (NS)	0.12 (NS)	0.03 (NS)	0.06 (NS)	N=90
<b>N Stage</b>	0.05 (NS)	0.06 (NS)	0.04 (NS)	0.19 (NS)	N=85
<b>Nodes +</b>	-0.02 (NS)	0.01 (NS)	0.05 (NS)	0.23 (NS)	N=85
<b>ER</b>	-0.18 (NS)	-0.10 (NS)	<b>-0.23 (p=0.02)</b>	-0.18 (NS)	N=99
<b>PR</b>	-0.18 (NS)	-0.10 (NS)	<b>-0.23 (p=0.02)</b>	-0.18 (NS)	N=99
<b>HER2</b>	-0.12 (NS)	<b>0.36 (p=0.003)</b>	0.11 (NS)	0.02 (NS)	N=67
<b>P53</b>	-0.19 (NS)	-0.16 (NS)	-0.02 (NS)	-0.14 (NS)	N=77
<b>BU101</b>	-----	-0.05 (NS)	<b>0.37 (p=0.0001)</b>	-0.04 (NS)	N=101
<b>BS106</b>	-0.05 (NS)	-----	0.004 (NS)	0.07 (NS)	N=101
<b>Mamm</b>	<b>0.37 (p=0.0001)</b>	0.004 (NS)	-----	0.07 (NS)	N=101

Pearson product moment correlations were calculated between each pair of variables. The only significant relationships observed are bolded and have included p values. **NS= not significant**